### Friday, March 1, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Registration Opens</td>
<td>Boise State SUB</td>
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<td>8:30 a.m.</td>
<td>Welcome — Emily Flores, Boise State University LSAMP Coordinator</td>
<td>Simplot Ballroom</td>
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<td>Dr. Sharon McGuire, Vice Provost for Undergraduate Studies, Boise State University</td>
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<td>Opening Remarks — Dr. Amy Moll, Dean, College of Engineering</td>
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<td></td>
<td>Boise State University</td>
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<td>9:35 a.m.</td>
<td>Break</td>
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<td>9:45 a.m.</td>
<td>Breakout Sessions</td>
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<td>9:45 a.m.</td>
<td>Make a Successful Transition into College (designed for high school students)</td>
<td>Alexander Room</td>
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<td>Fabiola Juarez-Coca, Director, Boise State Concurrent Enrollment</td>
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<td>Klondy Canales, STEM Ambassador, University of Washington</td>
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<td>Learn the skills that will make you successful in transitioning to college. This session will help you identify the resources and support to navigate the college admissions process and find resources once you are in college.</td>
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<td>10:45 a.m.</td>
<td>Engineering with DNA</td>
<td>Lookout Room</td>
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<td>Dr. Will Hughes, College of Engineering, Boise State University</td>
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<td>Rather than thinking about DNA as the biological repository for life, we will discuss DNA as an engineering material for building complex structures, machines, and systems.</td>
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<td>10:45 a.m.</td>
<td>Networking, Personal Branding &amp; LinkedIn</td>
<td>Bishop Barnwell Room</td>
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<td>Alex Gutierrez, Associate Director, Boise State Career Center</td>
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<td>Networking doesn't have to be a bad word. 80% of jobs are obtained through your network. Learn some quick tips on developing and maintaining a professional network.</td>
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<td>11:00 a.m.</td>
<td>Integrated STEM: The STEM of Business and Industry</td>
<td>Trueblood Room</td>
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<td>Dr. Louis Nadelson, College of Education, Boise State University</td>
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<td>In this session participants will learn how business and industry integrate STEM to find solutions to the STEM challenges of today. Taking a hands-on, minds-on approach we will explore how to build your STEM content toolbox, developing the skills and knowledge needed to be an effective critical thinker and creative problem solver and the understanding of how and why it is important to be able to apply knowledge from across STEM domains.</td>
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<td>11:00 a.m.</td>
<td>Break</td>
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<tr>
<td>11:10 a.m.</td>
<td>Breakout Sessions</td>
<td>Bishop Barnwell Room</td>
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<td>11:10 a.m.</td>
<td>STEM, Being Rooted in Leadership!</td>
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<td>Damoni Wright, Assistant Director, Student involvement and Leadership Center, Boise State University</td>
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<td>This workshop is about defining and understanding the significance of leadership as it relates to those in the STEM fields. We will focus on the importance of critical thinking, vision, collaboration, communication, and many other skills, all as a means to accomplish new and innovative ways to think about problems and problem solving for an uncertain future. If you would like to learn how learning in the STEM fields can lead to you changing the world, feel free to drop in to this workshop!</td>
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Presenting Your Research--How to Stand Out!
*Dr. Karen Viskupic, Geosciences, Boise State University*
Learn how to prepare an oral or poster presentation so that your message stands out and you impress your audience. Communicating effectively is an important step in advancing your career, whether it’s as part of a job interview, admission to graduate school, or the presentation of research results. I’ll share some practical advice that everyone can use.

A Little Conversation Can Make a Big Difference!
*Dr. Krishna Pakala, Mechanical and Biomedical Engineering, Boise State University*
This session focuses on the “secrets of success” in STEM disciplines. You will leave the seminar realizing how crucial it is to communicate effectively at every stage of your education. This key ingredient will be one of the major stepping stones for success in the workplace.

12:30 p.m. Lunch Simplot Room

1:45 p.m. Keynote Speaker - Dr. Carl B. Mack Simplot Room
*President, National Society of Black Engineers (NSBE)*

2:45 p.m. Q & A with Dr. Mack Simplot Room

3:00 p.m. Industry Fair / Poster Session Stueckle Sky Center

3:30 p.m. Students presenting in the poster session – please leave to set up your posters Double R Ranch Room

5:30 p.m. Dinner on your own SUB Bowling Alley
See your registration packet for information about area restaurants and attractions.

7:00 p.m. Cosmic Game Night! SUB Bowling Alley
Hosted by Boise State LSAMP Students - FREE to all LSAMP conference attendees!
Challenge your friends to a game of bowling, ping pong, or Wii!

Saturday, March 2, 2013

8:00 a.m. Announcements – Emily Flores, LSAMP Coordinator, Boise State University Jordan Ballroom

8:15 a.m. Breakout Sessions Farnsworth Room

Teaching in STEM Careers
*Matt Wigglesworth, IDoTeach, Boise State University*
Participants will learn about the career opportunities that exist for STEM majors in teaching and why STEM educators are needed. In this session, there will be an emphasis on the importance of STEM in education, how some pre-service teaching programs are addressing the current shortage of STEM teachers, and how pre-service teachers can use fun inquiry-based lessons to engage K-12 students in their learning of STEM.

Taking Advantage of Opportunities in STEM
*Kendall Morgan, UW; Justin Conner, OSU; Edgar Verdin, PSU; Jose Marcial, WSU; Martika Flores, BSU*
A panel of students will discuss and answer questions about internship, research, and study-abroad opportunities in STEM.
Creativity & Design Thinking Skill-Building  
*Dr. Karen Bubb, Public Arts Manager, City of Boise*

Creativity is something that everyone has. Identify ways to tap into your innate ability to solve problems using creativity and design thinking. Learn innovation skills to use in everyday work environments.

**Bishop Barnwell Room**

9:30 a.m.  
Break

9:40 a.m.  
**Breakout Sessions**

The Transfer Experience as Told by Transfer Students: The Nitty Gritty on the Good, the Bad and ‘Shocking’  
*(designed for community college and MESA students)*

*Verónica Guajardo, State Director, MESA, University of Washington*

*Jonathon Lundy, Boise State University Transfer Advisor*

This presentation will profile various students’ experience with the Transfer Experience from a community college to a university. The focus will be on students’ advice, insight, knowledge and tips, and how to avoid the phenomenon known as “Transfer Shock,” which refers to the tendency of students transferring from one institution to experience a temporary dip in grade point average during the first or second semester/quarters at the new institution (Hills 1965). A subsequent GPA recovery, even above average recovery, is also common. This presentation will highlight the personal voices of students who will share A) “what I learned when I transferred,” B) “what I wish I would have known,” and 3) “what they told me that I wish I would have listened to.”

**Trueblood Room**

9:40 a.m.  
**Breakout Sessions**

**Farnsworth Room**

*Dr. Alejandro Flores, Geosciences, Boise State University*

The rigors of a STEM degree may deter you from considering graduate education, but graduate school can make you more marketable, give you career flexibility, and increase your lifetime earnings—often at little or no cost to you. This talk will explore graduate school for the curious, and prepare you to compete for graduate schools and funding opportunities.

**Farnsworth Room**

11:00 a.m.  
Lunch  
*Plenary Speaker – Dr. Ed Galindo*

12:05 p.m.  
**Breakout Sessions**

LSAMP Staff and Board Members meet in the Alexander Room

**Farnsworth Room**

Sure-fire Strategies for Success in STEM Courses  
*Dr. Susan Shadle, Director, Center for Teaching & Learning, Boise State University*

Science, engineering and math courses have a reputation for being “tough”. And while learning takes real work, the work can be energizing and fun if you know how to approach it the right way, using strategies to actively engage in your own success. This interactive session will introduce ideas that will empower you to engage in your courses with confidence and to succeed!
I Have my Degree, Now What?

Dr. Ed Galindo, University of Idaho

Learn what you can do with your STEM education/degree and why it is important to “give back” to your community.

"Rock Star or Clean-up Crew" - Using Experiential Education to make your Application Shine for Graduate School or a STEM Career

Dee Mooney, Micron

Todd Johnson, Idaho National Laboratory

Learn about internship and research opportunities available for gaining valuable career building experience while in school. Find out what internship employers are looking for, when and how to apply, and where to find outstanding internship opportunities.

Boise State University Graduate Programs

Dr. Chris Hill, Graduate Programs, Boise State University

Come learn about graduate programs at Boise State! This session will include a tour.

1:10 p.m. Closing

Winners of the Poster Session will be announced. Hear information for next year’s PNW LSAMP Conference.

Thank you!